Public Comment Collaboration on EC-106 – May 6, 2010

The purpose of this document is to recap the status of EC-106 submitted by DOE with the intent of reducing the leakage of air handling units by requiring them to be factory sealed.

Current 2009 IECC

There are currently no prescriptive requirements for manufacturer-tested leakage from air handlers.

Original Code Change Proposal as Published in the Monograph

EC106–09/10

403.2.2 (New), Chapter 6; IRC N1103.2.2.1 (New), Chapter 44

Proponent: Ronald Majette, representing US Department of Energy

THIS IS A 2 PART CODE CHANGE. PART I WILL BE HEARD BY THE IECC COMMITTEE. PART II WILL BE HEARD BY THE IRC BUILDING/ENERGY COMMITTEE. SEE THE TENTATIVE HEARING ORDERS FOR THESE COMMITTEES.

PART I – IECC

1. Add new text as follows:

403.2.2.1 Sealed air handler. Air handlers shall have a manufacturer's designation for an air leakage of no more than 2 percent of the design air flow rate when tested accordance with ASHRAE 193.

2. Add new standard to Chapter 6 as follows:

ASHRAE	
193	Method of Text for Determining the Air Leakage Rate for HVAC Equipment

An identical change was proposed for the IRC.

Results of First Hearing

Committee vote for disapproval 11-0 (IECC). DOE requested disapproval because the proposed new reference standard is not yet available.

Suggested Public Comment

DOE is planning a Public Comment for Approval as Submitted based on assurances from ASHRAE committee personnel that ASHRAE 193 will be publicly available in time for consideration at the Final Action hearings.

Revise the code change to read as follows:

N/A.

Public Comment Development

DOE has received no input that suggests a change in wording, only concern about the availability of ASHRAE 193. Given the likelihood that ASHRAE 193 will be publicly available by the Final Action hearings, a public comment for Approval as Submitted, involving no changes to the text, is the indicated action.

Interested and affected parties are encouraged to provide comments on the above public comment which is proposed as a starting point development of a public comment that could address this issue in the code.